

Address of Requesting Entity: 900 University Avenue, Riverside, California 92521

Description of Request: I have secured \$6,000,000 for the Center for Nanoscale Science and Engineering. The funds will be used for the 3-D Electronics program which aims to take advantage of recent advances in nanomaterials and nanodevices to begin to address the issue necessary to take the electronics industry beyond the two-dimensional silicon based devices and wiring and to develop high density, 3D-electronics technology together with associated packaging, heat dissipation solutions and the investigation of alternative electronic materials. Conventional electronics is based on 2D planar processes, but this is becoming prohibitively expensive as well as a barrier to performance. By stacking devices and interconnecting them in a 3D arrangement, a huge leap in functionality density is possible. 3D integration is a cornerstone of the coming revolution in electronics.

Requesting Member: Congressman KEN CALVERT

Bill Number: H.R. 3326

Account: Navy Research and Development—0603739N

Legal Name of Requesting Entity: U.S. Navy; Naval Surface Warfare Center, Corona Division

Address of Requesting Entity: Naval Surface Warfare Center, Corona Division, Corona, CA 92878-5000

Description of Request: I have secured \$1,800,000 for the NSWC Corona IUID Center which provides technical support, implementation assistance, training, and lessons learned for IUID, a DoD mandate, to various DoD programs and offices. The IUID Center leverages complementary efforts and catalogs, distributes lessons learned, and helps streamline implementation efforts, reducing IUID implementation cost. IUID itself will enable lifecycle traceability and improve data integrity, leading to more informed decisions and improved asset management. Substantial cost savings result from IUID implementation in DoD programs as well as major gains in asset management and tracking of critical DoD material.

Requesting Member: Congressman KEN CALVERT

Bill Number: H.R. 3326

Account: Operation & Maintenance; 1C8C Depot Operations Support

Legal Name of Requesting Entity: U.S. Navy; Naval Surface Warfare Center, Corona Division

Address of Requesting Entity: Naval Surface Warfare Center, Corona Division, Corona, CA 92878-5000

Description of Request: I have secured \$2,400,000 for the NSWC, Corona Fleet Readiness Data Assessment project which will update/replace existing tools to enable the accurate, efficient collection and transmission of data to quickly perform detailed readiness analyses. It will take advantage of the improved automation and data collection capability provided by the METBENCH calibration system. The analyses resulting from this project will quickly put accurate readiness information into the hands of Navy decision-makers and accelerate the savings resulting from METBENCH implementation in the Navy.

Requesting Member: Congressman KEN CALVERT

Bill Number: H.R. 3326

Account: Operation and Maintenance, Navy—03 Training and Recruiting 3A2J

Legal Name of Requesting Entity: U.S. Naval Sea Cadet Corps

Address of Requesting Entity: U.S. Naval Sea Cadet Corps; 2300 Wilson Blvd, North, Arlington, VA 22201-3308

Description of Request: I have secured \$651,000 for the U.S. Naval Sea Cadet Program. The Sea Cadet Program is focused upon development of youth ages 11-17, serving almost 9,000 Sea Cadets and adult volunteers in 387 units country-wide. It promotes interest and skill in seamanship and aviation and instills qualities that mold strong moral character in an anti-drug and anti-gang environment. Summer training onboard Navy and Coast Guard ships and shore stations is a challenging training ground for developing self-confidence and self-discipline, promotion of high standards of conduct and performance and a sense of teamwork. Funds will be utilized to "buy down" the out-of-pocket expenses for training to \$120/week. NSCC instills in every Cadet a sense of patriotism, courage and the foundation of personal honor. A significant percent of Cadets join the Armed Services often receiving accelerated advancement, or obtain commissions. The program has significance in assisting to promote the Navy and Coast Guard, particularly in those areas of the U.S. where these Services have little presence.

CITY OF BRANDON, MISSISSIPPI  
NAMED AS ONE OF THE BEST  
PLACES TO LIVE IN 2009

### HON. GREGG HARPER

OF MISSISSIPPI

IN THE HOUSE OF REPRESENTATIVES

Wednesday, July 29, 2009

Mr. HARPER. Madam Speaker, the City of Brandon, Mississippi was recently named as one of America's top small towns in which to live, according to Money magazine. The CNN magazine named this Rankin County city number 54 in its annual list of 100 Best Places to Live. As a city in the Third Congressional District, which I am proud to represent, Brandon is the only Mississippi municipality to make the 2009 list.

The list of 100 American municipalities compares communities with populations of less than 50,000 and takes into account an area's school system, crime rate, median income and racial makeup.

Brandon's job growth was 30.4 percent from 2000-2008 versus about 19.6 percent nationally and the city posts a median income of \$77,679. The city's population is currently 20,600, up from 16,436 in 2000 according to the latest census figures.

A low crime rate was also a key point for Brandon making the study. This is why many of the city's residents consider locking their doors as optional.

Brandon Mayor Tim Coulter said, "I think people are finding out what we've known for years, that Brandon is a great place to live."

Rankin County Chamber of Commerce director Gale Martin attributes this honor to Brandon's quality of life. He said, "You've got a small-town atmosphere with the big-city amenities," said Martin. Martin credits quality schools, closeness to cities like Jackson, Meridian and Vicksburg and its short distance from Jackson-Evers International Airport to spurring Brandon's tremendous growth.

The residents of Brandon should also share the honor of this national recognition. Since 1829, residents, first responders, school teachers, pastors and local elected officials have worked tirelessly to ensure that Brandon maintains its standing as the "City of Red Hills with Golden Opportunities." I salute Brandon, Mississippi and the State of Mississippi, both great places to live in America.

### EARMARK DECLARATION

### HON. ELTON GALLEGLY

OF CALIFORNIA

IN THE HOUSE OF REPRESENTATIVES

Wednesday, July 29, 2009

Mr. GALLEGLY. Madam Speaker, pursuant to the Republican Leadership standards on earmarks, I am submitting the following information regarding earmarks I received as part of H.R. 3326, the Department of Defense Appropriations Act, 2010:

Requesting Member: Rep. ELTON GALLEGLY  
Bill: H.R. 3326, the Department of Defense Appropriations Act, 2010

Account: Research, Development, Test and Evaluation, Navy; Electronic Warfare Development

Legal Name of Requesting Entity: Regional Defense Partnership—21st Century

Address of Requesting Entity: 311 Main Road, Building 1, Point Mugu, CA 93042

Description of Request: Naval Air Warfare Center Weapons Division (NAWCWD) Point Mugu is an Electronic Warfare Center of Excellence for the development and maintenance of airborne electronic attack, tactical, and assault system platform electronic warfare (EW) systems. This request for \$4,500,000 is for a laboratory upgrade at Point Mugu that would directly support EA-18G, EA-6B, MH-60, and E-2C platform development. Additionally, this enhanced capability would provide risk reduction to current acquisition programs such as the P-8A multi mission aircraft.

In order to be effective in modern battle scenarios containing multiple threats, the EW weapon system requires the exact location and type of all the threats in a 360 degree, or four quadrant, field of view. The current lab equipment is limited to simulating a 180 degree, or 2 quadrant, field of view of the battle space. The EW Center of Excellence at NAWCWD Point Mugu utilizes laboratory test equipment to simulate this complex electronic battle space. Testing that cannot be performed in the laboratory must be done using flight test hours on an open air EW range. This not only costs more, it is also very difficult to obtain test repeatability and exposes the system under test to electronic eavesdropping. No open air range can duplicate the dense electromagnetic environment of large numbers of threat and friendly emitters encountered in a modern battle scenario. This can only be replicated through laboratory simulation.

Funding is requested to upgrade the EW laboratory facility at NAWCWD Point Mugu to a four quadrant simulation capability and acquire the AMES III High Speed Calibrator and the Airborne Interceptor Simulator for real world threat simulations. The bill provides \$4,000,000 in funding for this project request.

## EARMARK DECLARATION

**HON. DEAN HELLER**

OF NEVADA

IN THE HOUSE OF REPRESENTATIVES

*Wednesday, July 29, 2009*

Mr. HELLER. Madam Speaker, Pursuant to the Republican Leadership standards on earmarks, I am submitting the following information regarding earmarks I received as part of H.R. 3326—Department of Defense Appropriations Act, 2010:

Requesting Member: Congressman DEAN HELLER

Bill Number: H.R. 3326

Account: Other Procurement—Air Force

Legal Name of Requesting Entity: Nevada Air National Guard

Address of Requesting Entity: 2460 Fairview Dr., Carson City, NV 89701

Description of Request: \$1,000,000. This funding will allow the Nevada Air National Guard to purchase Scathe View, which is a unique intelligence, surveillance, and reconnaissance system. Scathe View provides real time imagery support to combat operations, search and rescue operations, as well as support to civil authorities during natural disasters. This technology is essential in allowing the Nevada Air National Guard to fulfill both its foreign and domestic responsibilities.

Requesting Member: Congressman DEAN HELLER

Bill Number: H.R. 3326

Account: Operations and Maintenance—Army Reserve

Legal Name of Requesting Entity: Nevada National Guard

Address of Requesting Entity: 2460 Fairview Dr., Carson City, NV 89701

Description of Request: \$1,000,000. This funding will allow Nevada National Guard the ability to man their Joint Operations Center 24/7 with trained professional staff to meet its emergency readiness responsibilities throughout the state.

Requesting Member: Congressman DEAN HELLER

Bill Number: H.R. 3326

Account: Research, Development, Test, and Evaluation—Army

Legal Name of Requesting Entity: Day & Zimmermann Hawthorne Corporation—Hawthorne Army Depot

Address of Requesting Entity: 2 South Maine, Hawthorne, NV 89415

Description of Request: \$1,000,000. This funding will be used for the development of a rocket motor contained burn system which demilitarizes rockets safely. The system will be used for Multiple Launch Rocket System (MLRS) motors, and will be adaptable to other larger rocket motors.

## EARMARK DECLARATION

**HON. MIKE ROGERS**

OF MICHIGAN

IN THE HOUSE OF REPRESENTATIVES

*Wednesday, July 29, 2009*

Mr. ROGERS of Michigan. Madam Speaker, pursuant to the House Republican standards on earmarks, I am submitting the following information regarding earmarks I received as part of H.R. 3326, The Department of Defense Appropriations Act of Fiscal Year 2010.

Requesting Member: Congressman MIKE ROGERS (MI)

Bill Number: H.R. 3326

Account: Other Procurement—Aviation Support Equipment—Aviation Life Support

Legal Name of Requesting Entity: Peckham Industries

Address of Requesting Entity: Peckham Industries, 2822 N. Martin Luther King Blvd., Lansing, MI 48906

Description of Request: Provide funding of \$2,500,000 for a Multi Climate Protection System (MCPS) for U.S. Navy and Marine Corps aircrews. The U.S. Navy and Marine Corps requirement for MCPS is 21,500 units. \$2,500,000 will fund approximately 1,250 sets of MCPS. MCPS is designed to replace outdated garments that are bulky, do not fit the aircrew population, have minimal water and wind resistance, limited moisture management and cannot decrease or increase thermal value by addition or removal of layers. The majority of aircrews do not have this system.

Requesting Member: Congressman MIKE ROGERS (MI)

Bill Number: H.R. 3326

Account: Operations and Maintenance—Operating Forces

Legal Name of Requesting Entity: Peckham Industries

Address of Requesting Entity: 2822 N. Martin Luther King Blvd., Lansing, MI 48906

Description of Request: Provide funding of \$2,600,000 for a Cold Weather Layering System (CWLS) for U.S. Marine Corps Expeditionary Forces. The Marine Corps requirement for the Polartec components to CWLS is 202,000 units. \$2,600,000 will fund approximately 13,000 sets of CWLS. The CWLS is designed to reduce the weight and volume that a Marine operating as dismounted infantry must carry to accomplish combat missions in mountainous and cold weather environments.

Requesting Member: Congressman MIKE ROGERS (MI)

Bill Number: H.R. 3326

Account: Combat Vehicle and Automotive Technology

Legal Name of Requesting Entity: Michigan State University

Address of Requesting Entity: MSU Campus, East Lansing, MI, 48824

Description of Request: Provide funding of \$3,500,000 for advanced composite materials research Operating costs, salaries for researchers, purchase of research equipment, continued lease of the building housing CVRC. This broadly based ongoing program of basic research on composite materials and structures will support the U.S. army, navy, marines and air forces in the design, production, inspection, and repair of safe, durable, lightweight, energy-efficient tactical and strategic land, marine, and air vehicles that will function dependably in severe environments. Some specific service needs addressed include the repair or replacement of vehicles lost or damaged in the Middle East, the requirement for lightweight trailers and vehicles for the U.S. Marines, improvement of design and fabrication of aircraft and watercraft, the creation of deployable inspection techniques, and the furthering of development of heavy combat vehicles that can be easily transported on available cargo aircraft. The results will also contribute to improved exploitation of composites in light-weight personal armor for military and police personnel.

Requesting Member: Congressman MIKE ROGERS (MI)

Bill Number: H.R. 3326

Account: Combat Vehicle And Automotive Legal Name of Requesting Entity: NextEnergy

Address of Requesting Entity: 461 Burroughs, Detroit, MI 48202

Description of Request: Provide funding of \$4,100,000 for The NextEnergy Center to work with the National Automotive Center to develop and deploy Smart Plug-In Hybrid Vehicle (PHEV) technology in support of Defense Department ("DoD") initiatives to reduce fuel consumption using vehicles with exportable high-quality electric power. Will fund associated operating expenses, construction and building maintenance, feasibility studies, equipment purchase, technician salaries, travel, and federal overhead. A smart PHEV will supplement electrical power generation via exportable electric power from the vehicle, and reduce emissions by the vehicle fleet. Funding will support continued development of new stationary and mobile charging and discharging infrastructure and technologies associated with smart Plug-In Hybrid Electric Vehicles with vehicle to grid (V2G) connectivity including power transfer and the associated communication to support integration of electric vehicles for military and commercial stationary power applications. NextEnergy will pursue technologies that have tactical and non-tactical utility.

## EARMARK DECLARATION

**HON. C. W. BILL YOUNG**

OF FLORIDA

IN THE HOUSE OF REPRESENTATIVES

*Wednesday, July 29, 2009*

Mr. YOUNG of Florida. Madam Speaker, pursuant to the House Republican Standards on Congressional appropriations initiatives, I am submitting the following information regarding projects that was included at my request in H.R. 3326, The Defense Appropriations Bill of Fiscal Year 2010:

Adaptive Diagnostic Electronic Portable Test Set (ADEPT)

Account: Department of Defense, Operations Navy Other Procurement

Legal Name of Requesting Entity: Mikros Systems

Address of Requesting Entity: 7887 Bryan Dairy Road, Suite 220, Largo, Florida 33777

Description of Request: Provides \$1,000,000 for Department of Defense to conduct a competition for the Adaptive Diagnostic Electronic Portable Test Set (ADEPT). The Adaptive Diagnostic Electronic Portable Test Set (ADEPT®) program is an intelligent, automated, programmable electronic test tool designed to aid shipboard technical personnel in the maintenance, alignment, calibration, and error diagnosis of radar and other complex electronic systems.

Advanced Battery Technology (ABT)

Account: United States Army, RDT&E

Legal Name of Requesting Entity: Enser Corporation

Address of Requesting Entity: 5430 70th Avenue North, Pinellas Park, FL 33781

Description of Request: Provides \$2,000,000 in funding for Advanced Battery